SOUTH PRODUCTION NOTES

Mar 16, 2015 3-11 Shift Notes

BASF EMPLOYEES

49 Last Recordable 625 Last Lost Time

126 Days To RC Audit

Be sure to check weigh all bags off of the calciners and fill out the log sheet downstairs by the scale and attach "Packaged By" label with your initials.

#1 MED / AI 5637 next:

Maintenance is working on finishing the #1 extruder. May be ready on afternoon shift to start.

#1 RC / Clean for Al 5637:

Run as we have material available. Need to monitor feed rate (syntron adjustments still need to be made from 1st floor) and make sure Trimer is running properly. Work order being submitted for the old Trimer pH gauges as they are running on the high side, however the newer gauges are in Title V range. Kirk or Eliott need to confirm what is or is not working properly. (Oversize 3; Fines 11 mesh).

Exhaust to Trimer

#2 MED line / Cu 0860:

Discharge gate not repaired on day shift. Parts may come in on Saturday. Make sure to put the date and shift on the bags and feed in batch order to the calciner. Monitor transition sock for leakage. New transition socks are being looked into. Only one grab sample is needed/shift. Any questions, contact Justin.

#2 RC/ Cu 0860:

Stopped feed – nearly out of material. Once back up again, PLEASE monitor and check surface areas, and contact Justin Quach if out of range for specific corrective instructions. Continue to feed in batch order. Do not feed the bag marked lot 719/720.

Exhaust to F1

#3 Cu 0360:

Running on midnight shift. Dropped the leveling bar on the dryer to the lowest setting and slowed the bed to 25hz. Running as a single pass on the dryer directly to drums. Weigh each drum and put weight on label.

Operators need to check the drop drum for the DC so that it does not overflow. Please take all dried samples to the sample rack.

The #3 viron packing to be replaced on the week of the 23rd.

CONFIDENTIAL BASE 114 016056

#3 RC / Rescreening Si 1624:

Rescreening finished. Calciner reversed. holding

Exhaust to Trimer

#4 RC / D-0222 KLP done 2458 Next:

Down, cleaning started. Will need a clean up sheet. We will need to finish cleaning by the end of the week to start calcining the Ni-2458.

NOTE: Auto sample was repaired by Page Monday March 2; still need an electrician to look at.

Exhaust to

#5 RC / Cu 0539 stopped/ switch to 4011:

Cleaning should be finished, need to inspect. Filter has been delivered to maintenance. Need to install and inspect line then fire up Calciner.

Exhaust to 5 DC

#6 RC & Dryer / D-1781 LAQ done, E 321 next

A little cleaning still needed on the dryer belt.

We have only 14 bags of product to feed. We will be using the repack hopper to repack 1 bag into 1 buggie to be fed to #6 dryer, Dryer will be at no temps.

Discharge to be set up for drums. Lid still needs to be installed.

SA's are very important make sure that we get a SA right away and 2 per shift.

Exhaust to Sly Scrubber

6 Tank /D-5253 empty

Empty. We can make the tank for the Ni-2458 as soon a possible and get a sample to the lab.

Acid washed 1-1-15 - MT 1-2-15

New Pfaudler / V 2045 next:

6th batch drying now should be ready for 3rd impreg on Midnights shift. Grodecki would like to impreg with the 1091lbs as usual and then tote off the rest of the solution and save for later. We will need to do a good cleaning on the Pfaudler and get it switched over as soon as possible for the Ni-2458. Solution to be made in Tank 6 and toted off. See MOD

CONFIDENTIAL BASF_114_016057

7 Tank Vanadyl Oxalate solution for V 2045:

BE SURE TO CHECK SPG BEFORE EACH BATCH AND ADJUST TANK AS NEEDED. Tote off remaining solution after final impreg and save for later run. We will need to be sure that the supply lines have been flushed so that we do not cause issues later. Acid wash tank and hold for next product.

Old Pfaudler / Cleaning for BE0101

Ran the first batch on midnight shift. Need to communicate with kiln for when they will need another batch, material can only sit for 48 hr before it must be Calcined.

National Dryer: Cleaning

GEM is finished. Needs more cleaning. We will need to be finished cleaning by Wednesday afternoon in order to start the Ni-2458 drying.

PK Blender AL 3915 Clean for 4011:

We are out of catapal B. We need to clean the PK for the 4011 which we will need to start running tomorrow if we can.

New Valve to be delivered next week sometime. Valve will be have a spring that will keep it closed when there is no air to the valve.

Abbe Blender / 5206 Done

Done for a while. Area Cleaned

Tower 3 Cu 0860:

Continue, Unload and reload on afternoon shift

Tower 6 / QVAM:

Tower will probably come down on midnight shift.

North Screener / Cu-0860:

Next lot available, continue

South Screener / Cu-0860:

Hoist repaired on day shift. continue

#2662 (west) Pill Machine / Al-3917 T 3/16" done, Al 3915 next: Cleaning for Al 3915

#2664 (east) Pill Machine / Al-3917 T 3/16" done, Al 3915 next: Cleaning for Al 3915

CONFIDENTIAL BASF_114_016058

TK #2 / Be0101:

Loading station is set up and loading began on afternoon shift. Will need communication from operators to know when next batch will need to be made.

Bl mill continues with V2046, need to blow down the DC for the mill once a shift to keep up dust collection on the mill. Cut off at 60 drums and started the next lot.

Ameriwaste to start Vanadium drum cleaning on Tuesday.

TK #4 / Cu 2508:

Rescreens done, need to empty out dust collector. WOW for reprograming to turn off screener when drum is full Mark would like a final count of the fines drums.

Harrop Kiln / Al 3921 next:

Continue...split the time on the kiln with the screener or other personnel (4 hrs). 2 bottles of eyewash solution are now at the normal eyewash station. Please read directions for use before beginning to work in this area.

We are now loading the front half of the car and the top 2 saggers on the back half of the saggers. Operators will be switched out half way through the shift.

NOTE: work order written for improved lighting fixture over car rail unloading zone (just out of cooling zone).

Building 27 Belt Filter / 6081:

Run as manpower permits. DO NOT ride tow motor on elevator, and only load a tote at a time when transporting between floors.

Priorities:

- 1) Reduction Towers
- 2) #1 MED/RC
- 3) #5 RC02320510
- 4) #2 T Kiln
- 5) HC-11 Precip/Dry
- 6) #3 MED
- 7) Harrop Kiln
- 8) West Pfaudler
- 9) #2 Line/#2RC
- 10) Horne Tabletting Machines

Clean up Priorities:

- 1) East Pfaudler
- 2) #2 TK
- 4) 5 RC
- 5) 6 RC

CONFIDENTIAL BASE 114 016059

- 11) #4 Tunnel Kiln
- 12) South PK 13) #3 RC

CONFIDENTIAL BASF_114_016060